

a liner configured to seat within said smooth inner surface of said shell, said liner including at least one circumferential peripheral annular seal flexibly and sealingly engaging said smooth inner sealing surface of said shell to restrict migration of debris toward said at least one screw hole;

said shell having a plurality of peripheral notches therein; and

said liner having a plurality of tabs extending outwardly from the liner with each tab being received in a respective one of said notches in said shell, each said notch having a pair of inwardly projecting lips to grasp its respective said tab.

12. A component for an orthopedic joint replacement system, said component comprising a metal shell adapted to be affixed to a bony structure within the human body by means of bone screws, said shell having one or more holes therein for reception of said bone screws and an inner surface, a liner of a suitable synthetic resin material adapted to fit closely within said inner surface of said shell, said liner constituting a bearing surface for another component of said joint replacement system, said liner having at least one flexible seal extending outwardly from said liner for sealing engagement with said inner surface of said shell around the entire liner so as to prevent the migration of joint fluid and debris from said joint to said screw holes, said seal being configured so as to flex upon insertion of said liner into said shell after said shell has been affixed to said bony structure by said bone screws, said liner further having a lock separate from said seal, said lock comprising a plurality of notches in an upper peripheral edge of

said shell and a plurality of tabs, at least one notch for each said tab, said tabs extending outwardly from said liner and being adapted to be received in said notches upon installation of said liner into said shell, each said notch having a pair of inwardly sloping sidewalls cooperating with said tabs so as to substantially inhibit micro motion between said liner and said shell.

13. The prosthesis of claim 10 wherein each of said tabs has a rounded surface and an flat surface, wherein said rounded surfaces bear on the base of said recess and wherein said lips engage said flat surface of said tabs as the tabs are received within said notches.